

Abz-FR-K(Dnp)-P-OH

Chemical Properties

CAS No. : 500799-61-1

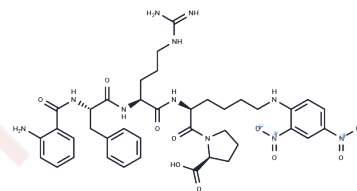
Formula: C₃₉H₄₉N₁₁O₁₀

Molecular Weight: 831.87

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Excellent angiotensin I-converting enzyme (ACE) substrate with a Km value of 4.0 μM and a kcat value of 210s ⁻¹ .
Targets(IC50)	Angiotensin-converting Enzyme (ACE)

Solubility Information

Solubility	H ₂ O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2021 mL	6.0106 mL	12.0211 mL
5 mM	0.2404 mL	1.2021 mL	2.4042 mL
10 mM	0.1202 mL	0.6011 mL	1.2021 mL
50 mM	0.024 mL	0.1202 mL	0.2404 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Alves MF, et al. A continuous fluorescent assay for the determination of plasma and tissue angiotensin I-converting enzyme activity. Braz J Med Biol Res. 2005 Jun;38(6):861-8.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481